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rdma dynamic buffer size

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System and method for sharing a resource among multiple queues

US Pat. 7295585 - Filed Dec 24, 2002 - Sun Microsystems, Inc.

An RDMA write involves the RDMA transfer of a set of 40 data to another ...

However, a WQE is queued in the form of a fixed size buffer representing the ...

[APPLICATION] Instruction removal for context re-evaluation

US Pat. 10946922 - Filed Sep 22, 2004

The difference here is that the dynamic values in the RDMA have changed ... that

8 sectors are available in the buffer segment for a new instruction. ...

[APPLICATION] Failover mechanisms in RDMA operations

US Pat. 11017574 - Filed Dec 20, 2004 - INTERNATIONAL BUSINESS MACHINES CORPORATION

Adapter 207 sets up the send side RDMA, performs TCE and other relevant checks

as discussed earlier, and pulls the data from send user buffer 201 into ...

[APPLICATION] APPARATUS AND METHOD FOR IN-LINE INSERTION AND REMOVAL OF MARKERS

US Pat. 11824849 - Filed Jan 19, 2007 - NETEFFECT, INC.

In one embodiment, the transmit FIFO buffer is embodied as a memory that is

local to the network adapter 705. Dynamic binding of FIFO buffers to work queues

...

[APPLICATION] RDMA server (OSI) global TCE tables

US Pat. 11017456 - Filed Dec 20, 2004 - INTERNATIONAL BUSINESS MACHINES CORPORATION

Adapter 207 sets up the send side RDMA, performs TCE and other relevant checks

as discussed earlier, and pulls the data from send user buffer 201 into ...

[APPLICATION] Early interrupt notification in RDMA and in DMA operations

US Pat. 11017573 - Filed Dec 20, 2004 - INTERNATIONAL BUSINESS MACHINES CORPORATION

Adapter 207 sets up the send side RDMA, performs TCE and other relevant checks

as discussed earlier, and pulls the data from send user buffer 201 into ...

[APPLICATION] Lazy deregistration of user virtual machine to adapter protocol virtual offsets

US Pat. 11017570 - Filed Dec 20, 2004 - INTERNATIONAL BUSINESS MACHINES CORPORATION

13 - continued Notify on completion Payload size Data to snd rev RDMA

protocol 200 on the sending side copies data from user buffer 201. ...

System and method for interleaving infiniband sends and RDMA read responses ...

US Pat. 7342934 - Filed Mar 29, 2004 - Sun Microsystems, Inc.

PPP 414 evaluates the size of an RDMA Read descriptor queued by the RPP, ... For

example, memory 432 may store the amount of buffer space allocated to each ...

[APPLICATION] Protocol flow control

US Pat. 11332035 - Filed Jan 12, 2006

[0046] In an example implementation, a send buffer at the sending peer may be

... For connections without Remote Dynamic Memory Access (RDMA) transfer, ...

[APPLICATION] Apparatus and method for out-of-order placement and in-order completion ...

US Pat. 11357445 - Filed Feb 17, 2006 - NetEffect, Inc.

In one embodiment, the transmit FIFO buffer is embodied as a memory that is

local to the network adapter 705. Dynamic binding of FIFO buffers to work queues

...

Method and apparatus for zero-copy receive buffer management

US Pat. 7142540 - Filed Jul 18, 2002 - Sun Microsystems, Inc.

For example, a large buffer size may be bife (^ 51 bitg) of & DMA Qr RDMA employed for receiving a multimedia file. Buffer size 214 ...

[APPLICATION] Interface internet protocol fragmentation of large broadcast packets in an ...

US Pat. 10981097 - Filed Nov 4, 2004 - INTERNATIONAL BUSINESS MACHINES CORPORATION

Adapter 207 sets up the send side RDMA, performs TCE and other relevant checks as discussed earlier, and pulls the data from send user buffer 201 into ...

[APPLICATION] Apparatus and method for stateless CRC calculation

US Pat. 11357449 - Filed Feb 17, 2006 - NetEffect, Inc.

In one embodiment, the transmit FIFO buffer is embodied as a memory that is local to the network adapter 705. Dynamic binding of FIFO buffers to work queues ...

Combined buffering of infiniband virtual lanes and queue pairs

US Pat. 7327749 - Filed Mar 29, 2004 - Sun Microsystems, Inc.

PPP 414 evaluates the size of an RDMA Read descriptor queued by the RPP, ... For example, memory 432 may store the amount of buffer space allocated to each ...

[APPLICATION] Systems and methods for dynamically allocating memory for RDMA data transfers

US Pat. 11102303 - Filed Apr 8, 2005

For example, Pre-Push Buffer Pool Size may be set to a default value of 1% of the ... In other embodiments, both the conventional protocol and the dynamic ...

Computer having a remote procedure call mechanism or an object request ...

US Pat. 6697878 - Filed Jan 4, 1999 - Fujitsu Limited

23, an area size desired to be preallocated is transmitted from the transmission side proxy. In the reception side skeleton, a buffer for the RDMA as ...

Dynamic configuration of network data flow using a shared I/O subsystem

US Pat. 7328284 - Filed Jun 28, 2002 - QLOGIC, Corporation

17 18 and Remote Direct Memory Access (RDMA) based operations which are delivered ... port frame 380 is transmitted to a buffer in shared I/O subsystem 60. ...

Firmware interfacing with network protocol offload engines to provide fast ...

US Pat. 7275152 - Filed Sep 26, 2003 - Intel Corporation

a In a process block 445, boot server 135 RDMA transfers network of computers remotely from boot server 135. Fur- a data block 610 into buffer 605. ...

[APPLICATION] Method and system for extended memory with user mode input/output operations

US Pat. 10848103 - Filed May 17, 2004 - ORACLE INTERNATIONAL CORPORATION

This allows an RDMA request to be issued from user space to the local NIC and ... of the buffer, its first virtual address, the key and the buffer size. ...

Reliable datagram transport service

US Pat. 7171484 - Filed May 24, 2000

45 In one embodiment, a send buffer or RDMA write WQE is completed with a ... Dynamic striping is not done on frames using the reliable datagram service. ...

Computer network controller

US Pat. 6656619 - Filed Mar 7, 2000 - Sun Microsystems, Inc.

... which network controller includes a data buffer handling payload as well as a ... source addresses, destination addresses, mapping for RDMA operations, ...

Method and apparatus for packing digital data

US Pat. 5649127 - Filed May 4, 1994 - Samsung Semiconductor, Inc.

j^u j j j ^ by processor 112, dynamic random access memory ibility is increasingly being required for embedded systems. ^ ^ lu ^ ^ memory access rDMA^ ...

[APPLICATION] Association of memory access through protection attributes that are ...

US Pat. 11066419 - Filed Feb 25, 2005 - International Business Machines Corporation

The second mechanism is to simply allow a single entry in buffer table 1390 per

... providing RDMA capabilities has a wide set of different resources, ...

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Network and protocol for real-time control of machine operations

US Pat. 5,077,054 - Filed Dec 23, 1988 - Pitney Bowes Inc.

When node 1 transmits, both node 2 and 3 receive the signal with only the intended receiver responding to the addressed signal in a manner hereafter ...

Communication network and protocol for real-time control of mailing machine

US Pat. 5,007,506 - Filed Dec 28, 1988 - Pitney Bowes Inc.

When node 2 transmits, both nodes 1 and 4 receive the signal with only the intended receiver responding to the address signal. It is possible for both nodes ...

Transmit-receive system

US Pat. 5,777,870 - Filed Mar 28, 1998 - Kabushiki Kaisha Tokai-Rika-Densetsu Seisakusho

The antenna coil of the card transmitter-receiver to constantly transmit ... transmits the question signal and becomes ready to receive Referring to FIG. ...

Local area communication network

US Pat. 4,902,168 - Filed Feb 1, 1988 - Kabushiki Kaisha Toshiba

The receiving terminal (RT) sends a RECEIVE READY signal 35 via the ... another terminal the 55 receiver sends a message indicating its present state to the ...

Watch pager with icons

US Pat. 5,552,779 - Filed Nov 25, 1992 - Seiko Corporation, Seiko Epson Corporation

When messages are ready for 50 delivery, they are sent to a destination ... in the time slot corresponding to the address of the intended watch receiver 20. ...

Picture information transmitting method for facsimile

US Pat. 4,274,114 - Filed Nov 1, 1979 - Hitachi Ltd.

Upon termination 40 of the phasing signal PHS, the receiver 200 sends out a confirmation-to-receive signal or reception-ready signal CFR and is set to a ...

Local area communication network

US Pat. 4,902,229 - Filed Oct 21, 1988 - Kabushiki Kaisha Toshiba

Another ing terminal (RT) sends a MESSAGE READY signal alternative is ... However instead receiver sends a message indicating its present state to the ...

Packet-switch system

US Pat. 4,947,019 - Filed Apr 28, 1990 - PASC Blume Inc.

When scheduler module 360 determines that the intended egress port module ... While transmitter module 410a transmits ingress LCS-1 cells to receiver module ...

Watch pager system and communication protocol

US Pat. 4,715,978 - Filed Nov 27, 1985 - A T & E Corporation

When messages are ready for delivery, they are sent to a destination ... In the time slot corresponding to the address of the intended watch receiver 20. ...

Intelligent peer hybrid printing protocol

US Pat. 4,874,034 - Filed Aug 17, 2000 - Hewlett-Packard Development Company, L.P.

The printer driver then renders the EMF data into printer ready bits (PRB) ... In the client transmits the print job to the printing protocol, print server. ...

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